25X1

IDEA 0350-67 Copy <u>5</u> of <u>8</u> 1 August 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Resume of Mission C237C

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1. alerted weather	hy Droject	Mission C237C (Canned Route 1039) was Headquarters at the 2000Z, 18 July 1967 Scheduled take off was 20 July Zulu date.	`

Preplanned Mission Data:	· ;	) (1)
Distance		25X
Time to Landing		
Penetration Altitude	69,000 Feet	
Mission Profile	Maximum Altitude	
Take-off Fuel		25X
Planned Fuel Reserve at Hi Cone	1	7

25X1

GROUP 1
Excluded from automatic

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Targets: This mission was planned to fulfill a USIB requirement for high resolution photography of priority targets in South China and along the North Vietnam border. 25 COMOR targets, of which 13 required base line coverage, were scheduled to be covered.

Mission Data as Flown: The Article was launched at 20 July 1967. Take off had been scheduled for 25X1 but was adjusted to make the control point good due to strong 25X1 tail winds outbound. All eleven flight lines were flown as briefed with only minor deviations from course In fact, the mission pilot adhered very on five of them. close to the briefed route throughout the flight. 45 priority COMOR targets were photographed. Of this number, base In addition to the line coverage was obtained on 8 of them. COMOR targets above, 20 bonus targets were picked up. Generally, the weather was as briefed. Although the area of interest was forecast to be Category II, a small amount of Category III and IV weather was encountered, however, it did not impair the photo quality excessively. An estimated 35% cloud coverage was over the area of interest during the 25X1 time of the photo runs.

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7.	Photo Quality Analysis:

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- The Film Evaluation Report submitted rated the film quality as good with the exception of contrast, 9R metering and data recording which were considered fair. Discrepancies noted were:
  - Edge static was apparent throughout 9L (1)and 9R.
    - 5 frames on 9R had metering roll static. (2)
  - There were approximately 25 frames that had pinholes on 9L and 9R.
    - Frilling was revealed on 45 frames on 9L. (4)
    - (5) 8 frames on 9L had abrasions.

The Immediate Photo Interpretation Report (IPIR) prepared by reported the overall quality of the film as good with 35% cloud cover. The majority of the target photos that were classified fair or poor were obliques and/or partially obscured by clouds or haze. A breakdown by target reveals 19 rated good, 26 fair and 20 as poor in so far as interpretability. discrepancies were reported on the "B-2" Configuration used on this mission.

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· ·		C/IDEA/OSA	
	*	C/ IDDII/ OOII	
Attachments - 2 1. Route Overlay	· •		
2. Targets Cover			
IDEA/OSA/	(31 Jul (	67)	*
Distribution:	``		
#1 - D/SA			
· #2 = 0/0/084			
#2 - D/O/OSA #3 - SSD/R&D/OSA			

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Attachment 2
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TARGET COVERAGE REPORT FOR

MISSION C237C (canned mission #1039) 19 July 67

### PART I (PROGRAMMED TARGETS)

PART I (PRO	GRAMMED TARGETS)			/
25X1			INTERPRET	
COMOR NO.	INSTALLATION NAME		ABILITY	REMARKS
	Nai Kou A/F	СН	good	scat. clouds
	Hai Kou Naval Base	CH	good	-
Ī	Shu Chang Supply Depot	СН	poor	scat. clouds
-	Fan Cheng Army Bks.	CH	fair	haze
	Lang Son A/F	VN	good	clear
-	Dong Dang Complex	VN	good	clear
-	Ping Hsiang Ord, Depot	// CH	fair	scat. clouds
-	Ping Hsiang Complex	CII	good '	haze
<del> -</del>	Nan Ning A/F South	СН	poor	haze, obliquity
-	Kuci Hsien Army Bks.	CH	good	clear
<u> </u>	Ching Lan Naval Base	, CII	Cair	clear, obliquity
<del> -</del>	Nan Ning A/F	CII	poor	scat. clouds obliquity
	Lung Men Naval Station	CH		not covered
-	Pai Lung Port Facility	CH	poor	clear, obliquity
-	Mon Cay Complex	. VN	fair	clear
-		VN	fair	clear
·	Boe Billi Many sappay	VN	good	scat. cloud
_	Lang Son Military Complex	VN	good	scat. cloud
	Lang Son Complex	VN	fair	clear
	Hanoi Ping Hsiang RR Segment 1	CH	fair	clear .
	Ning Ming A/F			scat. cloud
<u> </u>	Nan Ning Complex	CH	fair	have
	Nan Ning Ammo Depot	CH	poor	regress of a A. The contract with the contract and the co
ļ <del>.</del>	Heng Hsien HPP Lock & Dam	CH	-} fair	golour '
	Lan Tien Poss. Naval Base U/C	CH	good	i clear
-	Shang Chuan Shan Is. Nav. Facility	CII		not covered
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TARGET COVERAGE REPORT FOR

MISSION C237C (canned mission #1039) 19 July 67

PART II (BONUS COMOR TARGETS)

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COMOR

'	THE OWN NAME	ABILITY	REMARKS
NO.	INSTALLATION NAME	fair	clear
	Pei Hu Tsun Radar Facility VN	poor	haze
	Hanoi/Gia Lam A/F	poor	haze
	Phuc Yen A/F	poor	haze
	Hoa Lac A/F	poor.	scat. clouds
	Kep A/F	poor	scat. clouds
	Wu Chou A/F		scat. clouds
	Wei Chou Island Suspect Shipyard CH	good	heavy clouds
	Pei Hai Naval Base CH	poor	
Ì	Nan Ao Port Facilities CH	good	clear
	Chu Chiu Probable Barracks Area CH	fair	scat clouds
Ì	Ching Hsi Probable Military Storage CH	good	obliquity
ŀ	Wen Chiao Military Installation CH	fair	
ŀ	Wen Chang Army Barracks South CH	poor	scat. clouds
ŀ	Lung Tang Army Barracks CH	poor	haze
ŀ	Ping Usiang Army Depot CH	good	scat. clouds
ſ	Bac Can Army Barracks and Supply VN	poor	haze, obliquity
ŀ		poor	scat. clouds obliquity
	Hai Kang Hq 144 Infantry Div. CH	poor	haze, obliquity
	Ping Hsiang RR to Dong Dang	poor	heavy clouds; obliquity
	Pei Wu Hsu Munitions Storage Cn	SCHOOL STATE	clear,
	Cao Bang Complex	Parameter Constitution of the Constitution of	scat. clouds obliquity
	Po Lo Shih Military Complex	The same of the sa	clear
	Sifa Point Probable Coastal Defense Site CH	fair	State of the state
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TARGET GÖVERAGE REPORT FOR

MISSION | C237C (cannod mission #1039) 19 July 67

PART III (OTHER BONUS TARGETS)

2133N10757E Mon Gai Radar New 'VN fair clear  2311N10623E Ching Hsi UI Storage Area New CH good clear  2253N10620E Tra Linh Radar Site CH fair clear					
2311N10623E Ching Nsi UI Storage Area New CH good clear 2253N10620E Tra Linh Radar Site CH fair clear 2131N10759E Mong Cai A/F VN fair obliquity 2123N10640E Kep Na A/F VN poor scat. clouds obliquity 2123N1024U Nsiao Chiang Naval Base CH good clear 2245N10620E Area Scarch Rte 3 M-R / VN fair obliquity 2132N10758E Mong Cai Nighway Bridge VN fair obliquity 2132N10758E Tung Nsing Nighway Bridge CH good obliquity 2132N10758E Tung Nsing Nighway Bridge CH good obliquity 2132N10758E Nam Quat Nighway Bridge (over stream) VN fair obliquity 2132N10750E Lac Na Highway Bridge (over stream) VN fair obliquity 2209N10703E Ning Ming RB Bridge CH fair clear 2209N10704E Ning Ming Ning Ning Bridge North CH fair clear 2125N10740E Area Search Rte 4 a-B VN fair obliquity 2151N10646E Lang Son RR Bridge South S VN good clear 2150N10646E Lang Son RR Bridge South S VN good obliquity 2239N10552E Ta Sa Nydro Power Plant VN poor obliquity 2240N10615E Cao Bang Nydro Power Plant VN poor obliquity	COMOR NO.	INSTALLATION NAME		Interpret- Ability	REMARKS
2253N1062OE Tra Linh Radar Site CH fair clear 2131N10759E Mong Cai A/F VN fair obliquity 2123N1064OE Kep Ha A/F VN poor scat. clouds obliquity 2157N11224E Hsiao Chiang Naval Base CH good clear 2245N1062OE Area Scarch Rte 3 M-R VN fair scat. clouds 2132N10758E Mong Cai Highway Bridge VN fair obliquity 2132N10758E Tung Hsing Nighway Bridge CH good clear 2132N10752E Nam Quat Highway Bridge (over stream) VN fair obliquity 2132N10750E Lac Na Highway Bridge (over stream) VN fair obliquity 2209N10703E Ning Ming RR Bridge CH fair clear 2209N10704E Ning Ming Highway Bridge North CH fair clear 2125N10740E Area Search Rte 4 a-B VN fair scat. clouds obliquity 2151N10646E Lang Son RR and Highway Bridge VN good clear 2150N10646E Lang Son RR Bridge South VN good scat. clouds obliquity 2239N10552E Ta Sa Hydro Power Plant VN poor scat. clouds obliquity 2241N10551E Tinh Tuc Thermo Power Plant VN poor scat. clouds obliquity 2240N10615E Cao Bang Hydro Power Plant VN fair clear	2133N10757E	Mon Cai Radar New	VN	fair	clear
2131N10759E   Mong Cai A/F   VN   fair   clear obliquity	2311N10623E	Ching Hsi UI Storage Area New	СН	good'	clear
2123N10640E Kep Na A/F , VN poor obliquity 2123N10640E Kep Na A/F , VN poor obliquity 2157N11224E Usiao Chiang Naval Base	2253N10620E	Tra Linh Radar Site	CH.	fair	clear
Second Color   Second Color   Second Color	- 2131N10759E	Mong Cai A/F	VN	fair	
2245N10620E Area Scarch Rte 3 M-R , VN fair scat. clouds 2132N10758E Mong Cai Nighway Bridge VN fair clear obliquity 2132N10758E Tung Nsing Nighway Bridge CH good clear obliquity. 2132N10752E Nam Quat Highway Bridge (over stream) VN fair clear obliquity 2132N10750E Lac Na Highway Bridge VN fair obliquity 2209N10703E Ning Ming RR Bridge CH fair clear 2209N10704E Ning Ming Highway Bridge North CH fair clear 2125N10740E Area Search Rte 4 a-B VN fair obliquity 2151N10646E Lang Son RR and Nighway Bridge VN good clear 2150N10646E Lang Son RR Bridge South VN good obliquity 2239N10552E Ta Sa Hydro Power Plant VN poor obliquity 2240N10615E Cao Bang Hydro Power Plant VN fair clear	2123N10640E	Kep lla A/F	VN :	poor	
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2132N10758E Tung Hsing Highway Bridge CH good clear obliquity 2132N10752E Nam Quat Highway Bridge (over stream) VN fair clear obliquity 2132N10750E Lac Na Highway Bridge (over stream) VN fair obliquity 2132N10750E Lac Na Highway Bridge VN fair clear 2209N10703E Ning Ming RR Bridge CH fair clear 2209N10704E Ning Ming Highway Bridge North CH fair clear 2125N10740E Area Search Rte 4 a-B VN fair scat. clouds obliquity 2151N10646E Lang Son RR and Highway Bridge VN good clear 2150N10646E Lang Son RR Bridge South VN good scat. clouds obliquity 2239N10552E Ta Sa Hydro Power Plant VN poor scat. clouds obliquity 2240N10615E Cao Bang Hydro Power Plant VN fair clear	2245N10620E	Area Search Rte 3 M-R	V,N	fair	scat, clouds
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	2251N10608E	Ta Sa Hydro Power Plant (Na Ngan)	VN	fair	clear
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DATA BASE TARGETS COVERED BY MISSION C237C:

		•	
1.	,	Lang Son A/F	VN
2.		Ning Ming A/F	СН
3.		Ching Lan Naval Base	СН
4.		Ping Hsiang RR to Dong Dang	СН
5.		Kuei Hsien Army Bks.	СН
6.		Dong Dang Complex	VN
7.		Cao Bang Complex	VN
8.		Heng Hsien HPP Lock & Dam	СН

23 of 25 programmed targets covered
22 other COMOR targets covered (not programmed)
45 Total COMOR Targets covered
20 Bonus targets (non COMOR) covered
65 Total

Of the  $\underline{45}$  COMOR targets covered,  $\underline{21}$  are Priority 1;  $\underline{6}$  are Priority 2; and  $\underline{18}$  are Priority 3.

The overall quality of Mission C237C was good with 35% cloud cover.

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